

## **Minimum Requirements for Critical Spare Parts Inventory**

### **I. Collection/Transmission System**

1. Pipe and Couplings to replace a length of any pipe size in the system.
2. Repair Clamps for any size of pipe in the system.
3. Air Release Valve assembly for each size used in the system.
4. Replacement for key Valves in the system.

### **II. Pump Stations**

Parts listed below should be available for each pump station in the system if applicable. If a part can be used interchangeably at different pump stations it is acceptable to keep one part per each group of four (4) pump stations that uses the part.

#### **A. Electrical Parts**

1. Switches
2. Circuit Breakers and Fuses
3. Overload and Control Relays
4. Wire and Cabling
5. Motor Controller.

#### **B. Level Controllers**

1. Floats
2. Level Transducers
3. Bubbler compressors and tubing
4. Ultrasonic system.

#### **C. Hydraulic/Mechanical Parts**

1. 1. A set of replacement valves (Plug, Check)
2. Spare impeller
3. Mechanical seals or packing as needed
4. Sump Pump.

If the municipality decides not to keep some of the above listed critical parts in its permanent inventory, a contract is required with a supplier that can make the part available 24 hours a day (provide contract, supplier's name, address and 24-hour number). If the supplier is not available 24 hours a day, the municipality will have to keep the part in an accessible place.